

### **Amendments to the Claims:**

This listing of claims is the a list of the allowed claims with requested amendments and will replace all prior versions, and listings, of claims in the application:

### **Listing of Allowed Claims:**

37. (Currently amended) An isolated  $\beta$ -glucuronidase, comprising the amino acid sequence of SEQ ID NO: 6, or a variant thereof, wherein the variant has at least 90% amino acid identity to SEQ ID NO: 6 and wherein the variant has  $\beta$ -glucuronidase activity.

60. (Previously presented) An isolated fusion protein, comprising,  
a  $\beta$ -glucuronidase that is encoded by a nucleic acid molecule comprising nucleotides 1-1689 of SEQ ID NO: 14 or by a nucleic acid molecule that hybridizes under stringent conditions to the complement of nucleotides 1-1689 of SEQ ID NO: 14 and which encodes a functional  $\beta$ -glucuronidase, and a peptide.

61. (Previously presented) The fusion protein according to claim 60, wherein the peptide is hexa-His or streptavidin.

62. (Currently amended) An isolated fusion protein, comprising  
a  $\beta$ -glucuronidase comprising the amino acid sequence of SEQ ID NO: 6 or a variant thereof, wherein the variant has at least 90% amino acid identity to SEQ ID NO: 6 and wherein the variant has  $\beta$ -glucuronidase activity, and a peptide.

63. (Previously presented) The fusion protein according to claim 62, wherein the peptide is hexa-His or streptavidin.